



Attorney's Docket No.: 09/185-001001 / 50731US006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas H. Barrows et al.

Art Unit : 1653

Serial No. : 09/185,732

Examiner : J. Russel

Filed : November 4, 1998

Title : ADHESIVE SEALANT COMPOSITION

**BOX AF**

Commissioner for Patents  
Washington, D.C. 20231

RESPONSE

In response to the action mailed October 24, 2001, please amend the application as follows:

In the claims:

Please cancel claims 18-162 and 300-440 without prejudice.

Please amend claims 1, 15, and 17 as follows:

1. (Amended) An adhesive composition consisting essentially of

i) a first aqueous mixture of about 20-60 wt/vol % serum albumin in about 0.01-0.25 molar buffer at a pH in a range of about 8.0-11.0,

ii) a second aqueous mixture of about 50-800 mg/ml of a crosslinking agent having a molecular weight in a range of about 1,000-15,000, wherein the crosslinking agent is of the formula

G-LM-PEG-LM-G

wherein -PEG- is a diradical fragment represented by the formula

-O-(CH<sub>2</sub>-CH<sub>2</sub>-O-)<sub>a</sub>-

where a is an integer from 20-300;

wherein -LM- is a diradical fragment selected from the group consisting of a carbonate diradical of the formula [.] -C(O)-, a monoester diradical of the formula [.] -(CH<sub>2</sub>)<sub>b</sub>C(O)- where b is an integer from 1-5, a diester diradical of the formula [.] -C(O)-(CH<sub>2</sub>)<sub>c</sub>-C(O)- where c is an integer from 2-10 and where the aliphatic portion of the diradical may be saturated or unsaturated, a dicarbonate diradical of the formula -C(O)-O-(CH<sub>2</sub>)<sub>d</sub>-O-C(O)- where d is an integer from 2-10, and an oligomeric diradical represented by the formulas -R-C(O)-, -R-C(O)-(CH<sub>2</sub>)<sub>c</sub>-C(O)-, or -R-C(O)-O-(CH<sub>2</sub>)<sub>d</sub>-O-C(O)- where c is an integer from 2-10, d is an

RECEIVED  
COMPTON TECH CENTER 1600/2900  
JUN 27 2002

RECEIVED  
JUN 27 2002

45